



TITLE:

# Seminars

AUTHOR(S):

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RIGHT:

# SEMINARS

Dr AKAIKE, Kouki

Functional Soft Matter Research Group, RIKEN, Saitama, Japan  
“Correlation between Characteristics of Organic Solar Cells and Their Interface Electronic Structures”  
17 May 2012

Prof APELOIG, Yitzhak

Department of Chemistry, Technion, Israel Institute of Technology, Israel  
“Novel Persistent and Stable Silyl Radicals and Radical Activation of SiH Bonds by Organozinc and Silylzinc Reagents”  
16 October 2012

Dr BARUCH, Barzel

The Center for Complex Network Research at Northeastern University, the Dana Farber Cancer Center at Harvard Medical School Boston, Massachusetts, U.S.A.  
“Scaling Theory of Network Dynamics: What Can Three Numbers Teach Us about a Complex System ?”  
13 September 2012

Prof BORDEN, Weston Thatcher

Department of Chemistry, University of North Texas, U.S.A.  
“Calculations on Tunneling by Carbon Tell Experimentalists Where to Look and What to Look for”  
26 November 2012

Assist Prof CARVALHO, Luis

Mathematics and Computer Science Department, Boston University, U.S.A.  
“Graph-regularized Centroid Estimation on a Hierarchical Bayesian Model for Genome-Wide Association Studies”  
2 July 2012

Prof CATELLANI, Marta

Dipartimento di Chimica and CIRCC, Università di Parma, Parma, Italy  
“The Role of Palladacycles in Sequential Reactions”  
8 November 2012

Dr CIPRIAN, Plostinari

Rutherford Appleton Laboratory, Romania  
“Linac Studies for ISIS Upgrades”  
15 October 2012

Prof CRUDDEN, Cathleen M

Department of Chemistry, Queen's University, Kingston, Canada  
“Chirality Transfer in the Suzuki-Miyaura Reaction and in Mesoporous Materials”  
1 March 2012

Prof DJUKIC, Jean-Pierre

Institut de Chimie, Université de Strasbourg, Strasbourg, France  
“Non-Covalent Interactions in Transition Metal Chemistry: from Molecular Cohesion to Molecular Design”  
28 February 2012

Prof DUNCAN, Wass

University of Bristol, U.K.  
“Frustrated Lewis Pairs beyond the Main Group”  
21 November 2012

Dr FERRIER, Meydi

Centre national de la Recherche Scientifique (CNRS), Orsay, France  
“Probing the Dynamics of Andreev States in Coherent Normal/ Superconducting Ring”  
28 June 2012

Prof FUJII, Ikuo

Laboratory of Chemical Biology, Osaka Prefecture University, Japan  
“Next-generation Antibody Drugs (Micro Antibody): Generation of Molecular Target Peptide from Sterically Controlled Peptide Library”  
14 February 2012

Dr FUJIMAKI, Ryohei

NEC Laboratories, U.S.A.  
“Factorized Asymptotic Bayesian Hidden Markov Models”  
10 September 2012

Prof FUJITA, Makoto

Department of Applied Chemistry, The University of Tokyo, Japan  
“Creation of Structure, Space, and Function by the Self-assembly Process”  
2 November 2012

Assoc Prof FURUBE, Akihiro

National Institute of Advanced Industrial Science and Technology (AIST), Japan  
“Intersurface Electron Transfer at the Nanoparticles of Photo-electro Conversion Systems”  
29 October 2012

Prof GRÄSLUND, Astrid

Dept. of Biochemistry and Biophysics, Stockholm University, Stockholm, Sweden  
“Cell Penetrating Peptides and Their Membrane Interactions: Biophysical Models for Mechanistic Insight”  
23 January 2012

Prof GREEDAN, John. E.

Brockhouse Institute for Materials Research, McMaster University, Canada  
“Oxygen Vacancy Order and Disorder in Defect Perovskites: Local and Average Structures and Magnetic Properties”  
12 November 2012

Prof GRUSHUIN, Vladimir V.

Institute of Chemical Research of Catalonia (ICIQ), Tarragona, Spain  
“Solving the Mysteries of Catalyst Deactivation in Palladium-Catalyzed Cyanation of Haloarenes: An Illustration of How Mechanistic Understanding Can Benefit Practical Catalysis”  
31 October 2012

Dr HADA, Masaki

Center for Free Electron Laser Science, University of Hamburg, Hamburg, Germany  
“Femtosecond Electron Diffraction for “Molecular Movies””  
9 November 2012

Prof HASSAGER, Ole  
Department of Chemical and Biochemical Engineering, Technical  
University of Denmark, Denmark  
“Filament Stretching Rheometry”  
12 March 2012

Prof HAYASHI, Ken-ichiro  
The Faculty of Science, Okayama University of Science, Okayama,  
Japan  
“Chemical Biology for Analyzing Signal Transduction of Plant  
Hormones”  
6 October 2012

Dr HINGAMP, Pascal  
Aix-Marseille University, Marseille, France  
“What Can Metagenomics Tell Us about Marine Large Eukaryotic  
Viruses? Preliminary Exploration of TARA -OCEANS Genomic  
Data”  
14 February 2012

Assoc Prof HIRAYAMA, Tomoko  
Department of Mechanical and Systems Engineering, Doshisha  
University, Kyoto, Japan  
“Role of Adsorbed Additive Layers on Friction and Lubrication  
-From the View Point of Tribology-“  
23 March 2012

Dr HO, Tung-Yuan  
Associate Research Fellow, Research Center for Environmental  
Changes, Academia Sinica, Taiwan  
“Trace Metal Biogeochemistry in the South China Sea”  
“Ni Limitation of Nitrogen Fixation in *Trichodesmium*”  
13 July 2012

Assoc Prof HOW, Sew Eng  
School of Science & Technology, Universiti Malaysia Sabah,  
Sabah, Malaysia  
“Solid Phase Synthesis of Dendrimers for Gene Delivery”  
4 April 2012

Dr IKEDA, Kazuyoshi  
EMBL-EBI, U.K.  
“Overview of the ChEMBLdb: A Database of Drug, Lead and  
Target Data”  
24 September 2012

Prof ISOBE, Hiroyuki  
Department of Chemistry, Tohoku University, Sendai, Japan  
“Development of Nano-carbon Structure Science”  
10 November 2012

Assoc Prof JANSSON, Jesper  
The Hakubi Project at Kyoto University, Kyoto, Japan  
“Combinatorial Algorithms for Building a Phylogenetic Supertree”  
16 April 2012

Dr KIHARA, Daisuke  
Department of Biological Sciences/Computer Science, Purdue  
University, West Lafayette, U.S.A.  
“Predictions of Structures of Protein Interactions”  
28 May 2012

Dr KOMATSU, Katsuyoshi  
National Institute for Material Science (NIMS), Japan  
“Superconducting Proximity Effect from Zero Magnetic Field to  
Quantum Hall Regime in Graphene “  
18 July 2012

Prof LEVITT, Malcolm  
School of Chemistry, University of Southampton, U.K.  
“A Singlet NMR”  
31 October 2012

Prof LIPPOLIS, Vito  
Department of Inorganic Chemistry, The University of Cagliari,  
Italy  
“New [9]aneN<sub>3</sub> Derivatives for Selective Inorganic/organic  
Phosphate Binding and Sensing”  
21 March 2012

Prof LODGE, Tim  
Department of Chemical Engineering and Materials Science,  
University of Minnesota, U.S.A.  
“Physical Gels from ABA and ABC Block Polymers in Water  
and Ionic Liquids”  
10 December 2012

Dr LUTZ, Jean-François  
Institut Charles Sadron, Strasbourg, France  
“New Strategies for Controlling Monomer Sequences”  
18 January 2012

Assoc Prof MAWATARI, Kazuma  
Department of Applied Chemistry, The University of Tokyo, Tokyo,  
Japan  
“Development of fL–aL Analysis System Using Extended Nano-  
space”  
7 September 2012

Prof MCKENNA, Greg  
Department of Chemical Engineering, Texas Tech University,  
U.S.A.  
“Nanorheology of Ultrathin Polymer Films: Bubble Inflation and  
Liquid Dewetting”  
12 November 2012

Prof MINDIOLA, Daniel J.  
Department of Chemistry, Indiana University, Indiana, U.S.A.  
“Titanium Alkylidynes. Methane Activation and Dehydrogena-  
tion of Volatile Paraffins”  
18 May 2012

Prof MORI, Shigeyuki  
Graduate School of Engineering, Iwate University, Iwate, Japan  
“Tribological Control: In-Situ Observation of Contact Surface  
toward Better Lubricant”  
5 November 2012

Prof MUÑIZ, Kilian  
Institute of Chemical Research of Catalonia (ICIQ), Tarragona,  
Spain  
“New Diamination Reactions of Alkenes: Palladium Catalysis  
and Iodine Reagents”  
20 November 2012

Prof NICLES, Peter  
Max-Born-Institute, Berlin, Germany, and APRI GIST, Korea, R.  
“Energetic Photon from Short-pulse Laser Plasmas”  
16 November 2012

Prof NIELS, Madsen  
Swansea University, Department of Physics, U.K.  
“Trapped Anti-hydrogen : A New Frontier in Fundamental Physics”  
4 October 2012

Prof NISHIYAMA, Hisao  
Graduate School of Engineering, Nagoya University, Nagoya, Japan  
“Chiral NCN, NNN-Type Ligands; Metal Complexes and Asymmetric Catalytic Reactions –Rh, Ru, Fe, Co –“  
11 May 2012

Prof NITTA, Junsaku  
Tohoku University, Japan  
“Electric Field Control of Persistent Spin Helix”  
11 November 2012

Dr OGATA, Hiroyuki  
Aix-Marseille University, Marseille, France  
“Giant Viruses in Marine Environments”  
14 February 2012

Assoc Prof OHKANDA, Junko  
Institute of Scientific and Industrial Research (ISIR), Osaka University, Osaka, Japan  
“Assembling Small Molecules for Disrupting and Detecting Protein-protein Interactions”  
18 July 2012

Lect OHKUBO, Jun  
Graduate School of Informatics, Kyoto University, Japan  
“Counting Statistics and Related Topics”  
23 May 2012

Prof PETEKIDIS, George  
Department of Materials Science and Technology, University of Crete, Greece  
“Flow of Colloidal Glasses and Gels”  
30 November 2012

Prof POEPELMEIER, Ken  
Department of Chemistry, Northwestern University, U.S.A.  
“Targeting Noncentrosymmetric Structures and Other New Materials”  
6 June 2012

Prof ROBIN, B. Bedford  
University of Bristol, U.K.  
“Iron Cauldrons and Witches Brews”  
21 November 2012

Dr ROGNAN, Didier  
Centre National de la Recherche Scientifique (CNRS), France  
“Fingerprinting Protein Cavities and Protein-ligand Complexes for Drug Design”  
25 October 2012

Dr ROULLEAU, Preden  
Commissariat à l'Énergie Atomique (CEA), Saclay, France  
“Photon-assisted Detection of the Noise of a Quantum Point Contact”  
28 September 2012

Prof RUSSEL, Chris  
School of Chemistry, University of Bristol, U.K.  
“Novel Structure, Bonding, and Reactivity for Pnictogens in Low Coordinate Environments? Is Phosphorus a Carbon Copy?”  
19 November 2012

Prof SARMA, D. D.  
Solid State and Structural Chemistry Unit, Indian Institute of Science, India  
“Probing Buried Layers”  
28 September 2012

Assoc Prof SATO, Moritoshi  
Graduate School of Arts and Sciences, University of Tokyo, Tokyo, Japan  
“Technologies for Visualizing and Operating Biomolecules”  
21 June 2012

Prof SAWADA, Kazuaki  
Department of Electrical and Electronic Engineering, Toyohashi University of Technology, Aichi, Japan  
“Electro-Cell Integrated System Using Ion-Imaging Sensors Technology”  
10 September 2012

Prof SCHESCHKEWITZ, David  
Department of Chemistry, Faculty 8: Natural Sciences and Technology III, Saarland-University at Saarbrücken, Germany  
“The Chemistry of Si<sub>6</sub>R<sub>6</sub> Isomers”  
16-17 October 2012

Dr SCHUH, Tobias  
Karlsruhe Institute of Technology (KIT), Germany  
“Spin Dynamics of Atoms and Clusters on Surfaces”  
27 August 2012

Prof SOO, Von-Wun  
Department of Computer Science and Institute of Information Systems and Applications, National Tsing Hua University, Taiwan  
“Identify Drug Co-target to Fight Drug Resistance Based on a Random Walk Model”  
11 January 2012

Dr VIDAL, Virginie  
ENSCP Chimie ParisTech, Paris, France  
“Asymmetric Catalysis: From Laboratory Scale to Scale up Development”  
29 October 2012

Prof WAGENER, Kenneth B.  
University of Florida, Florida, U.S.A.  
“Using Polymers to Treat Bone Cancer in Children”  
17 May 2012

Prof WONG, Limsoon  
School of Computing, National University of Singapore, Singapore  
“A Novel Principle for Childhood ALL Relapse Prediction”  
1 November 2012

Prof YAMADA, Masatoshi  
Institute of Radiation Emergency Medicine, Hirosaki University, Japan  
“Interdisciplinary Study on Environmental Transfer of Radionuclides from the Fukushima NPP Accident: Understanding the Distribution of Radioactive Materials in Sea and Seafloor Sediment”  
13 December 2012

Prof ZETTERLUND, Per B.  
The University of New South Wales, Australia  
“Novel Approaches to Polymer/Particle Synthesis: (i) CO<sub>2</sub>-Induced Miniemulsion Polymerization and (ii) Templated Polymerization within Nanoreactors”  
20 December 2012

Dr ZHENG, Jian  
Research Center for Radiation Protection, National Institute of Radiological Sciences, Japan  
“Application of ICP-MS for the Determination of Artificial Radionuclides in Environmental Samples”  
13 December 2012